BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements and Development of School Building at Jalahalli in Ward no 16

Rate Analysis Work slip

Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 8.30 %	Grand Total
6	KSRB-3.2 : Providing and injecting chemical emulsion for **Pre-constructional Anti-Termite Treatment,** creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, labour, HOM of cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) **(Pg No 10-Item No 3.2 P.W.D. SR-2018-19)**	SR 2018-19	Sqm	10	3.2	106		106.00	8.48	114.48	9.50	123.98
9	KSRB 4-6.1 : Providing and removing a **centering,** shuttering, strutting, propping etc.., and removal of form work for a foundation **footing** bases of column for mass concrete including cost of all materials, labours, complete as per specificatons **(Pg No 16-Item No 4.28@ P.W.D SR -2018-19)**	SR 2018-19	Cum	16	4.28	258		258.00	20.64	278.64	23.13	301.77
18	ksrb 5.2-3 Providing and constructing **grinite /trap/basalt size stone masonry in foundation with cement motar 1:6 stone hammer dressed** in coursenot less than 20cm high bond stones at two m apart in each course including cost of materils ,labour curing complete as per specification. **(Issue rate as on date 21-10-19, Item No. 5.6)**	SR 2018-19	Cum	25	5.60	4626.94		4626.94	370.16	4997.10	414.76	5411.85
19	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones hammer dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **(Issue rate as on date 21-10-19, Item No. 5.9)**	SR 2018-19	Sqm	25	5.90	5513.94		5513.94	441.12	5955.06	494.27	6449.32
21	KSRB 2.3 : Filling available excavated earth (excluded rock)in side of founation upto plinth in layers not exceeding 20cms In depth compacting each deposited layers by ramming after watering with lead up to 50m. And lift up to 1.5m including cost of all labours complete as per specification (page 7 : item 2.10 @ P.W.D SR-2018-19)	SR 2018-19	Cum	7	2.10	201		201.00	16.08	217.08	18.02	235.10
25	KSRB 5-14.1 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.2)	SR 2018-19	Sqm	27	5.27.2	955.76		955.76	76.46	1032.22	85.67	1117.90
26	KSRB 5-14.1 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.2)	SR 2018-19	Sqm	27	5.27.2	955.76	35	990.76	79.26	1070.02	88.81	1158.83
47	Providing and laying cement concrete using 20mm down size granite jelly of ready mixed concrte (RMC) for R.C.C works laid in 15cms thick and well compacted vibrating, curing etc.,including smooth finish cement mortar 1:3,with all lead lifts etc., complete (exclusive of cost of steel and fabrication charges) -Ready mixed cement concrete for Beams,columns,staircase and Roof with M-25 (1:1.5:3)(Cement-320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2)	SR 2018-19	Cum	19	4.49.2	5624.5		5624.50	449.96	6074.46	504.18	6578.64

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Rate Analysis Work slip

Sl No	Description of work	SR Volume	Unit	Page No.	Item No.	Basic Rate	Lift Charge	Total	AW 8%	Sub Total	TP 8.30 %	Grand Total
48	Providing and laying cement concrete using 20mm down size granite jelly of ready mixed concrte (RMC) for R.C.C works laid in 15cms thick and well compacted vibrating, curing etc.,including smooth finish cement mortar 1:3,with all lead lifts etc., complete (exclusive of cost of steel and fabrication charges) -Ready mixed cement concrete for Beams,columns,staircase and Roof with M-25 (1:1.5:3)(Cement-320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2)	SR 2018-19	Cum	19	4.49.2	5624.5		5624.50	449.96	6074.46	504.18	6578.64
49	Providing and laying cement concrete using 20mm down size granite jelly of ready mixed concrte (RMC) for R.C.C works laid in 15cms thick and well compacted vibrating, curing etc.,including smooth finish cement mortar 1:3,with all lead lifts etc., complete (exclusive of cost of steel and fabrication charges) -Ready mixed cement concrete for Beams,columns,staircase and Roof with M-25 (1:1.5:3)(Cement-320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2)	SR 2018-19	Cum	19	4.49.2	5624.5		5624.50	449.96	6074.46	504.18	6578.64
52	KSRB 4-6.3: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for flat surface such as suspended floors,roofs,landings,balconies and likes thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.16, I.No.4.30 of PWD SR 2018-19) For First Floor	SR 2018-19	Sqm	16	4.30	440	35.2	475.20	38.02	513.22	42.60	555.81
68	KSRB 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no.117. item no.15.33 S.R 2018-19) For First Floor	SR 2018-19	Sqm	117	15.33	32		32.00	2.56	34.56	2.87	37.43
69	KSRB 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no.117. item no.15.33 S.R 2018-19) For First Floor	SR 2018-19	Sqm	117	15.33	32		32.00	2.56	34.56	2.87	37.43

Contractor

Consultants

Assitant Engineer
Ward No-16,
BBMP

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

Executive Engineer
Rajarajeshwari Nagara Division
BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Improvements and Development of School Building at Jalahalli in Ward no 16

RATE ANALYSIS FOR EIRL ELECTRIC ITEMS & CIVIL ITEMS

Sl No	Description of work	SR Volume	Unit	Page No	Item No	Basic Rate	Lift Charge	Total	A/W 8%	Sub Total	TP 5%	Grand Total
EIRL1	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary	SR 2018-19										
A	19/20mm Dia 2mm thick		Mtr	2	1.2.1	40		40.00		40.00	3.32	43.32
B	25mm Dia 2mm thick		Mtr	2	1.2.2	53		53.00		53.00	4.40	57.40
EIRL2	Groove Cutting in Wall Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary	SR 2018-19									0.00	
A	19/20mm Dia 2mm thick		Mtr	2	1.3.1	51		51.00		51.00	4.23	55.23
B	25mm Dia 2mm thick		Mtr	2	1.3.2	54		54.00		54.00	4.48	58.48
EIRL3	Supplying And Fixing Metal Fan Box with Round Hook.	SR 2018-19	Mtr	3	1.12	85.00		85.00		85.00	7.06	92.06
EIRL 4	KSRB 9-27.1 Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. — including cost and conveyance of all materials, all labour, all lead and lifts, loading & unloading chares, hire charges of all machinery and equipments and all other incidental charges. The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	SR 2018-19	Nos	60. 1366.00	9.80 0.00	1366.00		1366.00	109.28	1475.28	122.45	1597.73
EIRL 5	KSRB 15.9 Providing and fixing Corner beads 45x45mm size manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls,columns,lintels including cost of materials, labour for fixing complete as per specifications. (length of mesh only be measured for payment) — The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	SR 2018-19	Mtr	28.00 117	0.00 15.37	28.00		28.00	2.24	30.24	2.51	32.75
EIRL 6	KSRB 15.8.2 Providing and fixing plaster mesh 150mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications,The work shall be carried out as per standard technical detailed specifications and as directed by the Engineer in charge of the work	SR 2018-19	Mtr	31.00 117	0.00 15.35	31.00		31.00	2.48	33.48	2.78	36.26

Contactor

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